

FORM PTO-1449 U.S. DEPARTMENT OF
COMMERCE
(Rev.2-3) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
693-009

SERIAL NO.
09/368,459

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Smallwood et al.

FILING DATE
August 4, 1999

GROUP
TBA

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
P.P.	3 5 4 9 9 4 1	12/22/70	Friedmann	315	58	06/03/68
P.P.	3 7 5 3 0 7 1	08/14/73	Engel et al.	321	2	06/15/72
P.P.	4 0 0 6 3 8 4	02/01/77	Elns et al.	315	323	01/06/76
P.P.	4 0 0 8 4 1 4	02/15/77	Agnew	315	97	07/28/75
P.P.	4 1 0 9 3 0 7	08/22/78	W.C. Knoll	363	101	05/04/77
P.P.	4 2 5 9 6 1 4	03/31/81	Kohler	315	219	07/20/79
P.P.	4 3 1 6 1 2 1	02/16/82	Hammer et al.	315	62	11/01/79
P.P.	4 5 0 8 9 9 6	04/02/85	Clegg et al.	315	22	05/03/82
P.P.	4 5 7 1 5 2 6	02/18/86	Wesselink	315	56	07/22/85
P.P.	5 0 4 7 6 9 6	09/10/91	Nilssen	315	312	10/23/89
P.P.	5 1 3 8 2 3 3	08/11/92	Moisen et al.	315	323	09/13/91.
P.P.	5 2 9 4 8 6 5	03/15/94	Haradon	315	58	09/18/92
P.P.	5 3 2 5 0 2 4	06/28/94	Piejak et al.			10/16/92

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

P. Ratliff

DATE CONSIDERED

3/16/2000

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF
COMMERCE
(Rev.2-3) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
693-009

SERIAL NO.
Not Yet Assigned

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(Use several sheets if necessary)

APPLICANT
Smallwood et al.

FILING DATE
Herewith

GROUP
2502

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
R.R.	3 5 4 9 9 4 1	12/22/70	Friedmann	315	58	
R.R.	3 7 5 3 0 7 1	08/14/78	Engel et al.	321	2	
R.R.	4 0 0 6 3 8 4	2/1/77	Elm et al.	—	—	
R.R.	4 0 0 8 4 1 4	2/15/77	Agnew	—	—	
R.R.	4 1 0 9 3 0 7	08/22/78	W.C. Knoll	363	101	
R.R.	4 2 5 9 6 1 4	03/31/81	Kohler	315	219	
R.R.	4 2 9 3 7 9 9	10/06/81	Roberts	315	256	
R.R.	4 3 1 6 1 2 1	02/16/82	Hammer et al.	315	62	
R.R.	4 3 7 5 6 0 8	03/01/83	Kohler	315	307	
R.R.	4 4 2 4 4 6 8	01/03/84	Zelina et al.	315	222	
R.R.	4 4 3 8 3 7 2	03/20/84	Zuchtriegel	315	224	
R.R.	4 5 0 8 9 9 6	04/02/85	Clegg et al.	315	224	
R.R.	4 5 7 1 5 2 6	02/18/85	Wesselink	315	56	
R.R.	4 5 9 8 2 3 2	07/01/86	Nilssen	315	225	
R.R.	4 6 2 6 7 4 7	12/02/86	Nilssen	315	209	
R.R.	4 8 5 5 8 6 0	08/08/89	Nilssen	361	45	
R.R.	4 8 5 7 8 0 6	08/15/89	Nilssen	315	72	
R.R.	4 8 9 0 0 3 9	12/26/89	Nilssen	315	119	
R.R.	4 8 9 6 0 7 8	01/23/90	Nilssen	315	312	
R.R.	4 9 3 9 4 2 0	07/30/90	Lim	315	58	
R.R.	4 9 7 0 4 3 8	11/13/90	Nilssen	315	225	
R.R.	5 0 0 3 2 2 7	03/26/91	Nilssen	315	161	
R.R.	5 0 4 7 6 9 6	09/10/91	Nilssen	315	312	
R.R.	5 0 5 3 6 8 1	10/01/91	Budny et al.	315	219	
R.R.	5 0 7 9 4 8 5	01/07/92	Hasemann et al.	315	324	

R.R.	5	1	1	5	3	4	7	05/19/92	Nilssen	315	247	
R.R.	5	1	2	8	5	9	2	07/07/92	Dean et.al.	315	224	
R.R.	5	1	3	8	2	3	3	8/11/92	Moisen et al.			
R.R.	5	1	8	9	3	3	9	02/23/93	Peshak	315	58	
R.R.	5	2	0	8	5	1	1	05/04/93	Garbowicz	315	106	
R.R.	5	2	9	4	8	6	5	03/15/94	Haradon	315	58	
R.R.	5	3	2	5	0	2	4	02/23/93	Piejak et al.			
R.R.	5	3	6	7	2	2	9	11/22/94	Yang			
R.R.	5	4	8	5	0	5	7	01/16/96	Smallwood et al.	315	58	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
R.R.	1	4	0	1	6	2	8	07/30/75	Great Britain	N/A	N/A		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

38		WIPO - International Application Publication No - WO 91/16802

EXAMINER

R. Ratiff/Smith

DATE CONSIDERED

3/16/2000 / 3/26/01

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